

20021021.qrp v02_n716.qrl.20021021

Date: Mon, 21 Oct 2002 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2716

QRP-L Digest 2716

Topics covered in this issue include:

- 1) [138380] RE: Argonaut V/516 Initial Impressions?
by "Mark Paley" <mpaley@wcnet.org>
- 2) [138381] Re: ZL7C 28024 GOT EM !!!
by Fred Lesnick <flesnick@tbaytel.net>
- 3) [138382] Looking for Joe Spencer, KK5NA
by Glen Reid <k5fx@arrl.net>
- 4) [138383] Re: Regulated Voltage
by "w8diz" <w8diz@fpqrp.com>
- 5) [138384] NorCal30 report **PSE**
by Ken Hopper - N-9-V-V <n9vv@wideopenwest.com>
- 6) [138385] Re: RTTY on 40
by Rob Matherly <w0jrm@arrl.net>
- 7) [138386] motorboating is sst 20
by "John F. Karpus R.Ph." <jkarpus@comcast.net>
- 8) [138387] O-Scope Question: Tek 2445
by "William Phinizy" <k6whp@verizon.net>
- 9) [138388] Argonaut-V owners eHAM review PSE
by Ken Hopper - N-9-V-V <n9vv@wideopenwest.com>
- 10) [138389] Re: [138349] RTTY on 40
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 11) [138390] ARCI QSO Party de NK0E
by "Dave Ek" <ekdave@earthlink.net>
- 12) [138391] Re: Looking for Joe Spencer, KK5NA
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 13) [138392] R-M/80 Rev's First Pass = 1 Watt [v1.1]
by Chuck Carpenter <w5usj@9plus.net>
- 14) [138393] Re: Argonaut-V owners eHAM review PSE
by Bill ROWLETT <kc4atu@yahoo.com>
- 15) [138394] HB: Need some 7808 Regulators
by "w8diz" <w8diz@fpqrp.com>
- 16) [138395] Fw: [QRPp-I] R-M/80 Rev's First Pass = 1 Watt
by "Jerry Ford" <benlightnd13@mchsi.com>
- 17) [138396] FS: LDG AT-11MP Autotuner
by John Zaruba Jr <jzaruba@mac.com>
- 18) [138397] R-M/80 First Qs
by Chuck Carpenter <w5usj@9plus.net>
- 19) [138398] NorCal 30 Presentation Online

- by "Dave Fifield" <dave@redhotradio.com>
- 20) [138399] Pacificon Report, very long
by "Doug Hendricks" <ki6ds@dospalos.org>
- 21) [138400] F.S. Elecraft K2 -Full house
by JIm Wilson <w5mhl@arrl.net>
- 22) [138401] VFO/buffer for DC RX module
by "Leon Heller" <leon_heller@hotmail.com>
- 23) [138402] Re: Regulated Voltage
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [138403] Re: ARCI QSO Party de NK0E [comments]
by Chuck Carpenter <w5usj@9plus.net>
- 25) [138404] Re: ARCI QSO Party de NK0E [comments]
by "Dave Ek" <ekdave@earthlink.net>
- 26) [138405] Re: ARCI QSO Party de NK0E
by W2AGN <w2agn@w2agn.net>
- 27) [138406] MFJ 4103
by "Francis Callahan" <colcal@srv.net>
- 28) [138407] RE: PADDLE QUESTION -- and another answer
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 29) [138408] ARCI QSO Party de K3ESE
by Lloyd Lachow <llachow@yahoo.com>
- 30) [138409] Green lee Chassis punches ...trade
by N4SKS@cs.com
- 31) [138410] NJQRP Homebrewer Sprint Logs - Last Call
by "Ken Newman" <n2cq@dandy.net>
- 32) [138411] RE: O-Scope Question: Tek 2445
by "AI2Q Alex" <ai2q@adelphia.net>
- 33) [138412] Re: PADDLE QUESTION -- and another answer
by Jeff Davis <ke9v@comcast.net>
- 34) [138413] QRP-ARCI RESULTS
by "George Osier" <gosier@twcnny.rr.com>
- 35) [138414] Contest: ARCI Fall QSO- K7RES
by Brian Kassel <bkassel@mato.com>
- 36) [138415] Re: QRP-ARCI RESULTS
by W2AGN <w2agn@w2agn.net>
- 37) [138416] QRP ARCI Contest
by W2AGN <w2agn@w2agn.net>
- 38) [138417] F/S QRP and CW items
by cwguy@attbi.com
- 39) [138418] Pacificon -- an independent review
by cwguy@attbi.com
- 40) [138419] RE: Elecraft K2 for sale
by JIm Wilson <w5mhl@arrl.net>
- 41) [138420] RE:What's a 12AX7?
by Karl Kanalz <kkanalz@gcecispc.com>
- 42) [138421] Re: VFO/buffer for DC RX module
by "Leon Heller" <leon_heller@hotmail.com>
- 43) [138422] QRP ARCI QSO Party Report

- by "Fr Stephen King" <frstephenk@stfrancishigh.org>
- 44) [138423] New NorCal Kit - Mini-Boots 5W Amp
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 45) [138424] FS Classic Red Hot NorCal 20
by William K Penhallegon <w4stx@juno.com>
- 46) [138425] Drake W4 Wattmeter conversion to QRP?
by "Scott C. Gray" <scottcgray@attbi.com>
- 47) [138426] First impressions of Argonaut V (longish)
by "Meiss, Richard A" <igeq100@iupui.edu>
- 48) [138427] RE:What's a 12AX7?
by Mighty Mik <mightymik2@attbi.com>
- 49) [138428] F.S. QRP rigs
by "Joe W2KJ" <w2kj@earthlink.net>
- 50) [138429] R-M/30 and 2N2222A vs 2N2222A
by Chuck Carpenter <w5usj@9plus.net>
- 51) [138430] RE:What's a 12AX7?
by J.Bennett@lboro.ac.uk
- 52) [138431] Preliminary results from 2002 QRP Afield
by Chuck Ludinsky <cjl@mitre.org>
- 53) [138432] Nor'easter manual error
by Randy Foltz <rfoltz@turbonet.com>
- 54) [138433] Re: Nor'easter manual error
by "Mark J. Dulcey" <mark@buttery.org>
- 55) [138434] Another state falls to 2 mWatts
by Larry Cahoon <lejek@erols.com>
- 56) [138435] RE: (OT) Ham Inventions
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 57) [138436] RE:What's a 12AX7?
by "Brad Hernlem" <alihernlem@hotmail.com>
- 58) [138437] First QSO with Argo V
by W2AGN <w2agn@w2agn.net>
- 59) [138438] TN falls all QRP and the power of mWatts
by Larry Cahoon <lejek@erols.com>

Date: Sun, 20 Oct 2002 18:52:37 -0400
From: "Mark Paley" <mpaley@wcnet.org>
To: <Steve.Lawrence@itwfeg.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [138380] RE: Argonaut V/516 Initial Impressions?
Message-ID: <PGEPLCEGJDMJPHIGJMDGKECOEPAA.mpaley@wcnet.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Steve,

I like it very much. If my eyes weren't so bad I would have built the SSB option for my K2 (No. 250), so I thought the Argo V was the answer. It's easy to operate-very intuitive, and thus far I've had good signal reports as far as audio quality etc. I will say, however that I think the K2 has a better receiver. Also I was a little miffed that a built-in memory keyer wasn't included. That being said, I can honestly say that I've had a ball operating it these past two days and look forward to many more to come.

The one other thing I like is the idea of the flash ROM-when the 60 meter band becomes available I guess all it will take is a software download.

73 de KF8KL
Mark Paley
K1 #117 K2 #250

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Steve Lawrence
Sent: Sunday, October 20, 2002 11:06 AM
To: Low Power Amateur Radio Discussion
Subject: Argonaut V/516 Initial Impressions?

OK, so you've now had your Argonaut V for a few days... comments? impressions? reviews?

Inquiring minds want to know...

73,
Steve
aa8af

Date: Sun, 20 Oct 2002 19:00:33 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [138381] Re: ZL7C 28024 GOT EM !!!
Message-ID: <3DB33591.F165D1B8@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wish I could hear them if the freebanders stopping in Santa Rosa were not so loud.....

Fred
VE3FAL

George Osier wrote:

>
> Hello All !!!!
>
> ZL7C on 28024 simplex...got em !!!! ...5w!!!!
>
> 73s
>
> George Osier , N2JNZ / QRP

Date: Sun, 20 Oct 2002 18:03:50 -0500
From: Glen Reid <k5fx@arrl.net>
To: "QRP-l, List" <qrp-l@lehigh.edu>
Subject: [138382] Looking for Joe Spencer, KK5NA
Message-ID: <3DB33656.59A5167E@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need Joe's current email address.

Thanks
73,

gr
--

GLEN (Just Call Me "Buck") REID
...in the beautiful hill country of TEXAS...
Email: k5fx@arrl.net

"The difference between genius and stupidity is that genius has its limits"

Date: Sun, 20 Oct 2002 19:06:19 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [138383] Re: Regulated Voltage
Message-ID: <014101c2788d\$4d8a3420\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl et al...

I sell the LM317LZ in lots of 10 pieces for two bucks on my web site. 100 MA from 1.25 volts up to 37 volts adjustable.

Can't see folks spending more money than they need to.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
FP#-1 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 HIqrp-400
<http://kitsandparts.com>

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, October 20, 2002 1:51 PM
Subject: Regulated Voltage

This may be an interesting subject, but let me say it's sure cheap now! I just bought 6 National Semiconductor LM78L05 5 volt 100 Ma regulator IC's that are about the size of the plastic low power transistors like the 2n3905 and cost just \$0.42 a piece in single quantities.

This IC has in it a very low noise high gain amplifier and a reference source that provides a calibrated voltage out of like 5.0 volts or close to it. No heat sink is required and it's sure small and effective. They come in several voltages but it's easy to adjust this 5 volt one to 8 or 10 or 15 volts with a simple resistor divider.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 20 Oct 2002 18:25:58 -0500

Surely one of you guys has returned to your email from the Pacificon
fest. ****PLEASE**** info on the NorCal30 and the Dan Tayloe
detector/mixer/commutator (or whatever it is :-)

Date: Sun, 20 Oct 2002 18:34:29 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-l@lehigh.edu
Subject: [138385] Re: RTTY on 40
Message-ID: <200210202336.g9KNZx8m007170@mail.iowasocan.com>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

```
$> > PK, I give up, what's a "JARTA?" Hadn't heard of that outfit.
$>
$> Javanese Amateur Radio Transmitting Association?
$> Japanese " " " "
$> Julian Advanced Rotating Twiddle Accolades
```

Junk thAt's Really Trashing the bAnds

```
--
><><><><><><><><><><><><><>
72-73-00
(W)(O)(J)(R)(M)
Rob Matherly - Plano, Iowa - EN30ls
http://www.qsl.net/w0jrm
AIM-w0jrm; ICQ-114690148; Y!-w0jrm
```

ARRL -- FPqrp -330 -- IA QRP #143
SOC #497 -- QRPp-I #19

Date: Sun, 20 Oct 2002 19:42:07 -0400
From: "John F. Karpus R.Ph." <jkarpus@comcast.net>
To: qrp-l@lehigh.edu
Subject: [138386] motorboating is sst 20
Message-ID: <8B792500-E485-11D6-BA34-0003935B26E6@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII; format=flowed
Content-transfer-encoding: 7BIT

Gerrrr. Anybody have any mods for a motorboating sst. It only happens in a certain range on the af pot. i.e. from about 40% to 95% full volume, at the low or highest end the audio is fine. Boy that sidetone can get LOUD. - John Kc2fpr

Date: Sun, 20 Oct 2002 16:57:51 -0700
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [138387] O-Scope Question: Tek 2445
Message-ID: <001d01c27894\$8135b9f0\$0f64e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

One of my buds, KF6MYN, and I stumbled onto to two Tek 2445 O-scopes for great prices at a swap meet. Only hitch is each has a minor problem. We are fishing around for service manuals now, but want to know if anyone knows the insides of these beasts enough to give is a heads up on the glitches we are encountering:

(1) Mine has a "sticky" horizontal position control. Specifically, when you turn the pot, the trace moves horizontally but not smoothly. My question is: could this be a dirty pot only or some a more involved problem in the circuit. I am betting on a crappy pot.

(2) Joe's has a similar problem but with the dV and dT cursors that allow you to make more precise measurements than just observing the trace on the graticule. The pot that controls the leftmost dT (time) cursor produces an unsmooth horizontal movement as well (I notice a less pronounced but similar effect on mine. Again, is this a dirty pot or more complicated problem?

..we haven't been inside these guys yet; we're waiting for a service manual..and the kind guidance from someone on this list who knows these scopes.

My thanks for your help.

Bill, k6whp

Date: Sun, 20 Oct 2002 18:57:16 -0500
From: Ken Hopper - N-9-V-V <n9vv@wideopenwest.com>
To: QRP-L <qrp-l@lehigh.edu>, Ten-Tec516@yahoogroups.com
Subject: [138388] Argonaut-V owners eHAM review PSE
Message-ID: <3DB342DC.9020507@wideopenwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

New Argonaut-V owners, would you please take a few moments to post your review on eHAM.

The webpage is <http://www.eham.net/reviews/detail/2353>

TU
de ken n9vv

Date: Sun, 20 Oct 2002 21:11:14 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: w2agn@w2agn.net
Cc: qrp-l@lehigh.edu
Subject: [138389] Re: [138349] RTTY on 40
Message-ID: <200210210111.g9L1BEG28811@panix2.panix.com>

Yep, JARTS contest. Since it's a JA test, the JA RTTY allocation is the most used.

73, doug

270 Q's 67000 points, but not much 40M from the left coast.

Date: Sun, 20 Oct 2002 02:27:08 +0000
From: W2AGN <w2agn@w2agn.net>
Content-description: Mail message body

Did I miss a listing for an RTTY contest? RTTY solid on 40M all the way down to 7025. Making the QRP ARCI test difficult on 40M.

--

/_ /_ /_ /_ /_ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
/ _/_ _/_ _/_ _/_ QRPARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Sun, 20 Oct 2002 19:32:40 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [138390] ARCI QSO Party de NK0E
Message-ID: <009f01c278a1\$bf51c4b0\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Thought I'd lead off the post-contest accounts for the ARCI Fall QSO Party. Good time! Worked about 19 hours (on and off for a lot of the time, so actually less than that) and got 199 qso's. 833 qso points and 81 spc's running 5W, for a total of 472311 points. A good showing for me, personally, but probably not in the top ten overall. Vast majority of contacts were on 20m, followed by 15, 10, and then 40 (with only 2). Didn't spend much time on 40, since the RTTY test was running last night. By mid-afternoon today I was having a hard time raising any new contacts, either in CQ or search & pounce. Missed a lot of states--got 43 mults on 20m, but didn't hear KS, WY, ID, MS, VT, and probably some others. Did get DE on two or three bands, and also got MT at the end.

I'm not sure what to make of the band conditions. I spent almost all my time calling CQ, and it seemed like most of the stations that answered me were just above ESP levels. Maybe everyone was going for the big multipliers for less than a watt (or 250 mW). I heard a few "big" stations calling CQ but nobody blew my ears out. Was it just me? I even checked my rig (my IC706 MKIIG) a couple times to make sure I hadn't screwed up the knobs and buttons.

One thing I noticed was that many stations came back to my CQ from quite a ways off my frequency. I used the RIT a lot, especially earlier in the contest, to work stations that were calling me from 250 to 500 Hz off frequency. Often when they call that far off frequency it takes a couple of calls for me to realize they're calling *me* and not a nearby station. It's worth paying attention to zero-beating in busy contests if you're running search and pounce.

At any rate, a great time on the air. Glad I got a chance to spend some time with this one, since it doesn't look like I'll get to put in a lot of time on Sweepstakes in a couple of weeks. Thanks for all the contacts, gang!

73 de Dave NK0E

Date: Sun, 20 Oct 2002 21:48:37 -0400
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: k5fx@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [138391] Re: Looking for Joe Spencer, KK5NA
Message-ID: <3DB35CF5.9050503@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Joe is the President of QRPARCI. Seems like you could find him on their web site.

<http://www.qrparci.org/>

Pickett, AD4S

Glen Reid wrote:

> I need Joe's current email address.
>
> Thanks
> 73,
>
> gr

Date: Sun, 20 Oct 2002 20:58:39 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPp-I@yahoogroups.com
Subject: [138392] R-M/80 Rev's First Pass = 1 Watt [v1.1]
Message-ID: <3.0.2.32.20021020205839.006b8acc@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-Mers,

[Left out C16 in first post -- see parts list below]

Using SVC filter values and scaling the osc values, the initial results look quite good. Anyone for a sked and be to first to work an R-M/80? Sometime after 0200 tonight? 3578.95 kHz. This frequency can be busy with PSK-31 and other stuff too.

Power out = 1 Watt right on the line with the WM-2 to a 50 Ohm load and with the Welz SP-15M to the Butternut vertical via my MFJ-969 tansmatch..

This using the 2N2222 supplied with the kit, a small heat sink and the following changes to the R-M/40 kit. (2 other 2N2222s I have only produced 800 mW)

All caps are np0 (C0G) 5% radial monolithic ceramic, L1,2,3 are molded chokes
C10,11 = 150 pF
C12 = 100 pF
R18 = 7.5 ohms (two 15s in parallel)
L1 = 22 uH
L2,3 = 2.2 uH (2.5 was spec'd in the charts)
C15,17 = 560 pF
C16 = 1200 pF

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sun, 20 Oct 2002 18:57:56 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: n9vv@wideopenwest.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [138393] Re: Argonaut-V owners eHAM review PSE
Message-ID: <20021021015756.35445.qmail@web14201.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Why, the Ten-Tec reflector or here is the place for them. All that I have ever read on eHAM was either I love it, or I hate it. No objectivity, only personal, one sided opinion.

Your mileage may vary.

73 kc4atu

Do you Yahoo!?
Y! Web Hosting - Let the expert host your web site
<http://webhosting.yahoo.com/>

Date: Sun, 20 Oct 2002 22:11:09 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-1@lehigh.edu>
Cc: <fpqrp-1@mpna.com>
Subject: [138394] HB: Need some 7808 Regulators
Message-ID: <006201c278a7\$1fa9d2d0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I'm in need of several dozen 7808 TO-220 voltage regulators.
If you have some surplus to your needs, I can trade for other parts or pay ca\$h.

Thought I'd check here first before I spend money at the big electronic houses. Nothing found on Ebay either.

tnx

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
FP#-1 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 HIqrp-400
<http://kitsandparts.com>

Date: Mon, 21 Oct 2002 02:11:58 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [138395] Fw: [QRPP-I] R-M/80 Rev's First Pass = 1 Watt
Message-ID: <00f601c278d1\$25933ea0\$6d74da0c@mchsi.com>

Chuck: Thanks for the contact. Your RM doing a FB job here in MO.

72 and have fun: Jerry N0JRN
----- Original Message -----
From: "Chuck Carpenter" <w5usj@9plus.net>
To: <qrp-1@lehigh.edu>; <QRPP-I@yahoogroups.com>
Sent: Sunday, October 20, 2002 5:01 PM
Subject: [QRPP-I] R-M/80 Rev's First Pass = 1 Watt

> R-Mers,
>
> Using SVC filter values and scaling the osc values, the initial results
> look quite good. Anyone for a sked and be to first to work an R-M/80?
> Sometime after 0200 tonight? 3578.95 kHz. This frequency can be busy with
> PSK-31 and other stuff too.
>
> Power out = 1 Watt right on the line with the WM-2 to a 50 Ohm load and
> with the Welz SP-15M to the Butternut vertical via my MFJ-969 tansmatch..
>
> This using the 2N2222 supplied with the kit, a small heat sink and the
> following changes to the R-M/40 kit. (2 other 2N2222s I have only produced
> 800 mW)
>
> All caps are np0 (C0G) 5% radial monolithic ceramic, L1,2,3 are molded chokes
> C10,11 = 150 pF
> C12 = 100 pF
> R18 = 7.5 ohms (two 15s in parallel)
> L1 = 22 uH
> L2,3 = 2.2 uH (2.5 was spec'd in the charts)

> C15,17 = 560 pF
>
>
> Email Alt: w5usj@arrl.net, w5usj@go.com
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>
>
> ----- Yahoo! Groups
Sponsor ----->
> 4 DVDs Free +s&p Join Now
> <http://us.click.yahoo.com/pt6YBB/NXiEAA/jd3IAA/ELTo1B/TM>
> -----
~~~>  
>  
> To unsubscribe from this group, send an email to:  
> QRPP-I-unsubscribe@yahoo.com  
>  
> Check out what's new at the  
> QRPP International Radio Club's Web site:  
> <http://www.QRPP-I.com>  
>  
>  
>  
> Your use of Yahoo! Groups is subject to  
<http://docs.yahoo.com/info/terms/>  
>  
>

-----  
Date: Sun, 20 Oct 2002 22:35:53 -0400  
From: John Zaruba Jr <jzaruba@mac.com>  
To: Low Discussion <qrp-l@lehigh.edu>  
Subject: [138396] FS: LDG AT-11MP Autotuner  
Message-ID: <D2102E99-E49D-11D6-9546-003065C74F1A@mac.com>  
Mime-Version: 1.0 (Apple Message framework v546)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Thanks for all the interest, the tuner has been sold.

73,

John AA2BN

-----  
Date: Sun, 20 Oct 2002 21:38:14 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu, QRPP-I@yahoogroups.com  
Subject: [138397] R-M/80 First Qs  
Message-ID: <3.0.2.32.20021020213814.006c69bc@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

R-Mers,

Success but the QRN is too intense here for these old ears so two Qs will do it for this run.

First Q was with Dave, W0CH, in M0 and the second was with Jerry, N0JRN, also in M0. Thanks to both for tuning in to the R-M/80s christening... [g]

One feature that needs fixing is the offset. Both Qs occurred at a fairly low tone which was good with the QRN. It was easier to pick the low tone out of the QRN for me anyway. When I mentioned to Dave, K1SWL, about converting an R-M to 80 he indicated that the offset might be a problem. I tried it without a zener at D5 but the output power was erratic. Something to work on.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Sun, 20 Oct 2002 21:07:57 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [138398] NorCal 30 Presentation Online  
Message-ID: <000001c278b7\$70676dd0\$0200a8c0@AD6A>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Folks,

I just put the NorCal 30 presentation online, as



Doug Hendricks promised we would after QRPacificon.

It's at <http://www.redhotradio.com/NC30.html>

Please note the presentation is a very large file, over 1MB, so it's going to take quite a bit of time to download if you're on an analog modem.

Also, we ask that you please refrain from bugging either myself or Dan Tayloe with questions about the NC30 until we have completed and tested the PCB prototypes in a few weeks time. We will announce our progress at that time. We need every spare moment we can find to get the rig finalized and out until then. Thank you for your understanding and cooperation.

Regards,  
Dave Fifield, AD6A

-----  
Date: Sun, 20 Oct 2002 22:14:01 -0700  
From: "Doug Hendricks" <ki6ds@dospalos.org>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [138399] Pacificon Report, very long  
Message-ID: <009b01c278c0\$ace778a0\$1fa3ad40@DOUG>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Got home from Pacificon today at about 5:00, really tired, but wow, what a great weekend. I picked up Dr. Megacycle at the Oakland Airport at 6:00 Friday evening, and was shocked when the lady told me that the parking fee was \$6 for 2 hours!! She asked if I wanted a receipt, I told her she should offer me a deed to the place at that price.

We got to the hotel safely and met up with Chuck Adams. The 3 of us went out to dinner and some beer at the local microbrewerie, and I must say that the Irish Stout was outstanding. Got caught up on QRP, and then it was back to the hotel for the night. Friday morning we went down to the lobby and started to meet all the qrpers who were arriving in droves. Dean Davis and Mike Claussen were a couple of the first guys that we saw. They both picked up a copy of "Simple Test Equipment for the QRP'er" by Tony Fishpool and Graham Firth, and they both jumped at the chance to buy a "SideKick

Receiver", the new kit from the Ft. Smith QRP Group that I was selling at the conference for JayBob. By the way, the book is available from me for \$12 postage paid, and the SideKick will soon be available from JayBob.

Lou from Reno, Mike Gipe, Paul Maciel, Jim Cates, Steve Smith, Mike Schettler, Sam Imai, Jerry Parker, Amanda Parker, Bob Tellefsen, James and Kathy Bennett, Joe Everhart, Ralph Butler, Paul Harden, Jan Medley, Dave Benson, Dave Fifield, Rod Cerkoney, Jerry McCollum, Dan and Vicki Tayloe, all were soon there and all of a sudden there was this huge group of QRPers filling up the lobby. Everyone with a smile on their face. The first order of business was to go to the NorCal QRP Banquet at Fuddruckers. Dr. Megacycle had previously arranged for us to have the banquet room, and over 100 QRPers attended dinner. Great Burgers and Fries, and everyone enjoyed themselves. I looked around the room and it was fantastic to see all of the conversations going on. I sat next to Randy Foltz, who told me that it was his 6th straight Pacificon. He also will definitely be back next year. Dan Winkler was just down the table, and it was fun to see him again. He flies down every year from Seattle. After the banquet, which, by the way cost me \$21, but hey, I bought Dan and Vickie Tayloes dinner, so I got by for about \$7, not a bad deal for some great food.

We then returned to the hotel and the NorCal QRP Hospitality room. We didn't used to have a hospitality room at Pacificon on Friday night, just on Saturday, but the year that Paul Harden and I came back to our room and found 65 people in our hotel room was the year that we decided to get a hospitality room for Friday night. The big activity on Friday night was the building of the "RockMite 20's", so graciously provided by Dave Benson of SWL, who was there to enjoy the festivities. Doug Hauff of American Morse Keys brought along some of his beautiful blue anodized RM Cases along with the hardware. Thanks to Doug for his very generous donation to the night's fun. And, Vern Wright, W6MMA of Super Antennas provided the antennas for all the teams. What a guy. The rules were fairly simple, you had to build a RockMite 20 and put it in a case and then contact our special Pacificon Fox, Bob Tellefsen, who sent a code word that had to be sent back for the qso to count. It was a blast watching the teams quickly get into an assembly line technique and build the kit. 6 Teams competed, and the winning team in 1 hour and 34 minutes was Mike Schettler, Steve "Snort Resin" Smith, Mike McCarthy and Chuck Adams. These guys were amazing at their efficiency.

I might mention that Dr. Megacycle came over and started to ask for missing parts. I believed him the first time, then quickly realized when he came back that they had dropped parts, and instead of looking for them, he came over to get more. Plus he also tried to get a second copy of the manual. Hmmmnn, you gotta watch those guys with Physics degrees, grin. We all had lots of fun, and every single one of the kits worked on the first try. No smoke, and the contest was a blast. We spent the rest of the evening visiting, and then went to bed in anticipation of Saturday mornings forums.

Dave Benson led off at 8 O'clock and talked about what else? The Rockmite. He also shared some pictures of his new qth, and had several slides of Lobstercon. Included was a wanted poster of a guy eating more than his share of lobster, grin. Next was Dan Tayloe and Dave Fifield talking about the NorCal 30. Dan, who is the designer, shared the NorCal 30 specs with us, and here they are:

Receiver Type: Direct Conversion with Phasing  
>45 db opposite sideband suppression  
Tuning range: 25 KHz, 10.1 - 10.125 MHz  
Receiver Sensitivity: -136.5 dbm (0.1 uV), 3 db S+N/N  
Blocking: >+2 dbm  
Blocking Dynamic Range: >138 db  
Third order intercept: > +25 IP3  
IM Dynamic Range: >107 db  
Close in IMDR: 5 KHz = 100 dB, 4 KHz = 99 dB, 3 KHz = 97 dB, 2 KHz = 94 dB  
ARS Receiver Factor (IP3 - Noise Floor) = +12  
No Spurious SW Broadcast AM Detection  
Transmit: Variable power, 5 W max.  
Operating voltage: 12V Nominal  
Current drain:  
Receive with moderate signal: 13.5 mA @ 12 V.  
10.5 ma at 16v,  
.18 ma at 9v  
-Transmit, 5w output: 780 ma at 12v.  
.Simple RIT provided (0 to ~800 Hz offset)  
.TiCK Keyer  
SSS Frequency Annunciator

We will be posting the Rig Comparisons and the slides from Dan's talk on the Red Hot Radio Web site. Dave will announce it to the list when it is ready.

Dave Fifield talked about the packaging, and the plan is to do it small, making the rig very trail friendly. I announced that the kit would be targeted to sell at \$99, but we are NOT taking orders yet. It will be announced here on qrp-l, so stay tuned. WE expect to ship NC30 kits in January. Dave also announced that Red Hot Radio will be taking the kit over after the initial club run of 300 kits. There will be single band kits developed for all bands, and there are plans to do a multiband rig down the road.

Jim Duffey was the next speaker, and he talked on how to build a dipole antenna with the able assistance of Dave Fifield, Dean Davis, Doug Hendricks, Bob Tellefsen and Mike Wood. Dr. Megacycle has sworn not to use that team again as volunteers. It was very entertaining to see JIm explain how to make a simple dipole, as he went through the process step by step. Great job.

Paul Harden, NA5N was our final speaker, and he held the audience for an hour and a half as he explained class D, E, and F amplifiers. Paul has even built his Rockmite on 40 meters with a Class E amp that puts out 8 Watts, and only draws 780 mA. He took us through the circuits and showed us how he has learned several tricks the past 3 years that enable him to use an IRF510 in the amp.

During the talks, I was pleased to present NorCal Distinguished Service Plaques and MP-1 antennas to 3 very deserving NorCal members, Paul Maciel our database manager, Jerry Parker who maintains the website and does all of the badges for various QRP functions, and Jan Medley who is our NorCal contest manager. All of these people do an outstanding job and rarely get any recognition and get to handle all of the complaints. It was nice to honor them. Thanks to Vern Wright for donating the Antennas.

Also we introduced the next NorCal kit, the MiniBoots Amp. We will be providing the kit for \$25 + \$4 shipping and handling. This is the 5 W amp that Wayne McFee, NB6M designed, and Dave Fifield has done the board layout for. We are taking orders now, and if you would like a kit, please email me at ki6ds@dph.dpol.net and I will put you on the list, and give you an order number. We should ship the kit in about 3 - 4 weeks.

Saturday evening, several of us went to dinner at Tony Roma's. This time we went as a group, but broke up into smaller groups. Our table consisted of Dean Davis, Mike Claussen, Dave Fifield, Paul Harden, Jan Medley and Doug Hendricks. It was a marvelous meal and a wonderful time.

After dinner we returned to the hotel where we had the NorCal Building Contest, and the NorCal VXO contest. Wayne McFee won the 40 meter VXO contest, and Jim Larsen won the 20 meter division. Mike Gipe and Paul Maciel will be posting more on these contests. After the contest, I auctioned off a scope for Dave Fifield, and had a lot of fun. You know how auctions go, guys get excited, and it was fun watching them try to outbid each other.

We all left about 11:30 to go to bed, and it was tough getting up this morning. We said our goodbyes, but not before several of us went over to the antenna shootout to cheer James Bennett and Vern Wright on. The HF Pack group is very enthusiastic and seemed to be pleased to see us supporting James and Vern.

Another Pacificon has come and gone. Jim and I would like to thank each and everyone of you for your support. These events are about people, and you make the difference. Thanks for coming to our party. And now I will leave you with some final thoughts:

The great Irish Stout at the microbrewery..... Chuck Adams paying off

his bet to Jim Duffey and I on his NOT setting a world qrp record in SS last year ..... Introducing Jim Pepper and Wayne McFee to the audience ..... Seeing Jim Cates driving his new to him Miata ..... listening to the huge ovation that Jerry Parker, Paul Maciel and Jan Medley got when they received their plaques ..... Watching Jerry McCollum and Rod Cerkony argue about how their product works, grin ..... Seeing Mike Claussen and Dean Davis change their mind about going to Taco Bell and coming to Tony Roma's with us ..... Eating breakfast with Paul Harden and Dave Fifield ..... Listening to Dave Benson sing the ballad of Jeb Clampett set to a qrp theme ..... Having every session standing room only ..... Watching Jim Cates explain his tube transmitter winning entry to Mike Gipe ..... Proudly displaying the "SideKick" Receiver kit ..... Having the "SideKick" sell like hot cakes ..... Having Vickie Tayloe, Jeff Grudin and Gody Siason judge the building contest ..... Opening the Mayonaise Jar that had the two "Golden" crystals for the VX0 contest ..... Watching Dave Fifield and Mike Gipe judge the VX0 contest ..... Doing the Give me a W, give me a 6, give me a M, give me a M, give me an A what's it spell "SuperAntennas" cheer led by Chuck Adams at the Antenna Shootout ..... Seeing Doug Hauff sell key, paddles and Rockmite boxes like crazy ..... Having Joe Everhart tell a joke at my expense ..... Meeting new QRPers ..... visiting with Amanda Parker, what a marvelous personality this 16 year old has ..... Getting an \$80 bill for a local phone call by the hotel ..... seeing the new Yaesu 897 ..... Teasing Randy Foltz about having an arkie contest and his running off to Pacificon ..... Missing regulars like JayBob, Dave Yarnes, Bill Phinizy, Jim Lowman, Bill Chambers, Bob and Bertie Hightower, Brian Kassel, Mike Connor. I know you wanted to be there, but it didn't work out, but it will next year. Thanks to all who worked so hard to make it happen. All of the speakers, Mike Gipe, Paul Maciel, Dave Fifield, Jerry Parker, Amanda Parker, Bob Tellefsen, Vickie Tayloe, Vern Wright. You guys were wonderful. Thanks again. 72, Doug

-----

Date: Sun, 20 Oct 2002 22:54:01 -0700  
From: Jim Wilson <w5mhl@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [138400] F.S. Elecraft K2 -Full house  
Message-ID: <5.1.1.6.2.20021020224621.0337ac78@pop.onemain.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have for sale now, one of my Elecrafts. It is a K2 with all of the available modules: SSB, NB, AF/Clock, ATU, Battery and I/O interface. I have installed the approved modifications to increase the audio bandwidth to 2.5 KHz. for better fidelity using the new matched crystals. Installed the ALC mod to improve PSK 31 operation and thoroughly checked it out.

I am asking \$950 plus shipping.

It's been fun, but time to move on!

Jim, w5mhl

-----  
Date: Mon, 21 Oct 2002 12:03:12 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-l@lehigh.edu>  
Subject: [138401] VFO/buffer for DC RX module  
Message-ID: <DAV27M3S01bpH71yEXU00003fc3@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've just uploaded details of a suitable VFO/buffer circuit for my DC RX module to my web site:

[http://www.geocities.com/leon\\_heller/vfo.html](http://www.geocities.com/leon_heller/vfo.html)

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Mon, 21 Oct 2002 05:24:01 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>  
To: w8diz <w8diz@fpqrp.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [138402] Re: Regulated Voltage  
Message-ID: <Pine.LNX.4.44.0210210521170.1843-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dieter, I think Digikey has a break in price at 10 pieces too. The SM version they won't sell in lots smaller than 100! If I need any more I will buy them from you.

On Sun, 20 Oct 2002, w8diz wrote:

> Karl et al...  
>  
> I sell the LM317LZ in lots of 10 pieces for two bucks on my  
> web site. 100 MA from 1.25 volts up to 37 volts adjustable.  
>  
> Can't see folks spending more money than they need to.  
>  
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
> Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
> FP#-1 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 HIqrp-400  
> <http://kitsandparts.com>  
>  
>  
> ----- Original Message -----  
> From: "Karl F. Larsen" <k5di@zianet.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Sunday, October 20, 2002 1:51 PM  
> Subject: Regulated Voltage  
>  
>  
>  
> This may be an interesting subject, but let me say it's sure  
> cheap now! I just bought 6 National Semiconductor LM78L05 5 volt 100 Ma  
> regulator IC's that are about the size of the plastic low power  
> transistors like the 2n3905 and cost just \$0.42 a piece in single  
> quantities.  
>  
> This IC has in it a very low noise high gain amplifier and a  
> reference source that provides a calibrated voltage out of like 5.0  
> volts or close to it. No heat sink is required and it's sure small and  
> effective. They come in several voltages but it's easy to adjust this 5  
> volt one to 8 or 10 or 15 volts with a simple resistor divider.

>  
>  
>  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Mon, 21 Oct 2002 06:59:57 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: ekdave@earthlink.net, qrp-l@lehigh.edu  
Subject: [138403] Re: ARCI QSO Party de NK0E [comments]  
Message-ID: <3.0.2.32.20021021065957.007c1970@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dave,

Heard you around the bands several times. I operated briefly Sat with the FT-847 at 5 W. Sun I was listening mostly but I did try a few calls with the R-M/20 on Sunday. I called you when you seemed to be near my frequency but I was either too far off zero or too weak, maybe both... [g]

I noticed several calling stations lost Qs for possibly two reasons. The calling station was too far off frequency (outside of the filter being used?) and/or the sending station was too quick on the trigger. I was timing some of the sending stations and the turnaround time between K and CQ was often less than a second or two. Most of the power ops seem to have a delay of about 3 seconds. I'd expect that many of the new Op stations and or stations with minimal rigs would have problems with both zero beating and response turnaround time. And, some of the station that may be rockbound like the Rock-Mites would definitely be in the zero beating and low power disadvantage category.

The stations who are just in it for a few Qs and some fun are at a disadvantage to the stations with many-featured rigs who are in it for the score. It can take too much time to tune around to see if there are stations calling outside the bandwidth of the filter in use. I've never tried a QRP or other contest where my station was low power and rock bound with no XIT, RIT or filters and the front end was 20 kHz wide. Probably would just call CQ and hope for S&P Qs. Might be interesting... [g]

Email Alt: w5usj@arrl.net



Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Mon, 21 Oct 2002 06:20:07 -0600  
From: "Dave Ek" <ekdave@earthlink.net>  
To: "Chuck Carpenter" <w5usj@9plus.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [138404] Re: ARCI QSO Party de NK0E [comments]  
Message-ID: <000e01c278fc\$31e973b0\$8989fea9@oldman>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Chuck -

I've got you in the log on 20m at 1500Z on Saturday, but I guess that was with your FT-847. I doubt you were the only one running the Rock-mite over the weekend. As you said, that's not the right rig if you're trying to be competitive, but you can certainly have fun with it.

Good point on CQ'ers not listening long enough between calls. I had my station set for 3 or 3.5 seconds of listening time between calls, which is about right in my opinion. In my experience it's mostly in the bigger tests where you run into stations that don't listen long enough between calls, but you'll hear it once in a while in QRP contests, too. Those who do it will argue that the speed improves their rate, but I think it drives off a number of potential contacts. Same with ultra high speed--theoretically, you gain in rate, but you may lose when it comes to fills requested and qso's never attempted. Of course, these topics have been debated for years now...

Ultimately, you want to work as many contacts as you can, including the guys who call far off frequency. Right now my IC706MKIIG only has a 250 Hz CW filter in it, which is too narrow for use when calling CQ, so I left my filter setting wide open (the SSB filter). I could hear \*lots\* of signals, but I was less likely to miss the guys who were off frequency a bit. Plus, it's good training for the ears ;-)

73 de Dave NK0E

----- Original Message -----

> Dave,

>  
> Heard you around the bands several times. I operated briefly Sat with the  
> FT-847 at 5 W. Sun I was listening mostly but I did try a few calls with  
> the R-M/20 on Sunday. I called you when you seemed to be near my  
frequency  
> but I was either too far off zero or too weak, maybe both... [g]  
>  
> I noticed several calling stations lost Qs for possibly two reasons. The  
> calling station was too far off frequency (outside of the filter being  
> used?) and/or the sending station was too quick on the trigger. I was  
> timing some of the sending stations and the turnaround time between K and  
> CQ was often less than a second or two. Most of the power ops seem to  
have  
> a delay of about 3 seconds. I'd expect that many of the new Op stations  
> and or stations with minimal rigs would have problems with both zero  
> beating and response turnaround time. And, some of the station that may  
be  
> rockbound like the Rock-Mites would definitely be in the zero beating and  
> low power disadvantage category.  
>  
> The stations who are just in it for a few Qs and some fun are at a  
> disadvantage to the stations with many-featured rigs who are in it for the  
> score. It can take too much time to tune around to see if there are  
> stations calling outside the bandwidth of the filter in use. I've never  
> tried a QRP or other contest where my station was low power and rock bound  
> with no XIT, RIT or filters and the front end was 20 kHz wide. Probably  
> would just call CQ and hope for S&P Qs. Might be interesting... [g]  
>  
> Email Alt: w5usj@arrl.net  
>  
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
> QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
> Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>  
>

-----  
Date: Mon, 21 Oct 2002 08:33:55 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: ekdave@earthlink.net,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138405] Re: ARCI QSO Party de NK0E  
Message-ID: <3DB3BBF3.28129.42EC8F7@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 20 Oct 2002 at 19:32, Dave Ek wrote:

>  
> One thing I noticed was that many stations came back to my CQ from quite a  
> ways off my frequency. I used the RIT a lot, especially earlier in the  
> contest, to work stations that were calling me from 250 to 500 Hz off  
> frequency. Often when they call that far off frequency it takes a couple of  
> calls for me to realize they're calling \*me\* and not a nearby station. It's  
> worth paying attention to zero-beating in busy contests if you're running  
> search and pounce.

AMEN! I never noticed so many off frequency replies as in this year's  
contest!

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
\\_/\_ \\_/\_ \\_/\_ \\_/\_ \\_/\_ QRPARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

-----  
Date: Mon, 21 Oct 2002 06:41:26 -0600  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [138406] MFJ 4103  
Message-ID: <000701c278ff\$2cb2bca0\$afca1341@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Has anyone used the MFJ 4103 switching power supply for the FT817 and if so  
how did it work. Also has anyone used the MFJ 281 clear tone speaker and the  
results Thanks 72 Cal KF7ET

-----  
Date: Mon, 21 Oct 2002 08:51:30 -0400  
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [138407] RE: PADDLE QUESTION -- and another answer  
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D309B9@ev008msxaege.ae.ge.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I didn't hear any mention of Vibroplex. I have use a Vibroplex Iambic and its all I've ever used (well, except for the K8FF paddle I built years ago).

Since I don't have any experience with any other paddle, is the Vibroplex at the "bottom of the barrel" so to speak in the paddle world? The Vibroplex aren't at the bottom of the barrel for cost. Maybe I should look into a new paddle.

BTW, a few weeks ago, I purchased some extended finger pads for my Vibro Iambic from Vibroplex. They replace the smaller black pads with these larger red pads. Nice looking modification and allows my hand to rest more on the table. I'm glad I got them.

Mark

-----Original Message-----

From: Karl Kanalz [mailto:kkanalz@gcecispc.com]  
Sent: Saturday, October 19, 2002 11:04 AM  
To: Low Power Amateur Radio Discussion  
Subject: RE: PADDLE QUESTION -- and another answer

Bob,

I once bought a G4ZPY (?) single-lever keyer paddle, used it once with the built-in keyers in my FT-1000D and IC-781, as well as with a TiCK 3 keyer and it worked quite well. I later gave it to a friend (another guy, not the one who gave me the Bencher) on the Left Coast and he's using it today.

I had no problems with the single-lever paddle.... It's just that I like the lighter "touch" of my Bencher paddle.

I believe either type (single versus double paddle) will do just fine for you - it did for me!

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: Bob Nielsen [SMTP:nielsen@oz.net]  
Sent: Friday, October 18, 2002 10:36 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: PADDLE QUESTION -- and an answer

I also use my BY-1 in the "bug" mode. I've never tried a single paddle key with an electronic keyer (I still have my 50-year old Vibroplex

bug, however) but have wondered if that would be a better approach for the iambic-impaired.

Any comments?

Bob, N7XY

On Fri, Oct 18, 2002 at 09:18:44PM -0500, Karl Kanalz wrote:

> Curt,  
> I have (and use) a Bencher keyer paddle with my ham rigs. It was given to  
> me by a dear friend when I was living in southern California years ago.  
> I've had it for about fifteen years now, and other than sending it back to  
> the factory to have sending errors removed from it, it has worked  
> flawlessly!  
>  
> I'm not "into" Iambic keying, but use it in what might be called the  
"bug"  
> mode.  
>  
> Karl K - W8TIF  
> McKinney, Texas

-----  
Date: Mon, 21 Oct 2002 06:38:52 -0700 (PDT)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: QRP-l <qrp-l@lehigh.edu>  
Subject: [138408] ARCI QSO Party de K3ESE  
Message-ID: <20021021133852.11033.qmail@web10007.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Well, I had a fine time, in between shuttling kids here and there, cooking, etc. This was my first QRParci QSO Party, and I didn't think I'd be able to be in the running, so I slept in, fooled around, etc. and wound up working about 9.5 hours, and I was also limited to 40, 20 and 15 Meters. Final result was 589 QPs, 61 SPC, for a 251,503 score. I can really see where, with some more time spent, and the addition of another band or two, that could be improved on...and maybe something other than a hunk o' wahr for an antler.

In all the Qs, I did not get a single power report of "8." Is that some superstitious thing, or what? :^}

There were, indeed, some ops who allowed two seconds or less between CQs, which is annoying to anyone whose sig is sort of in the noise, yet readable.

I used a 500Hz filter much of the time, but also found a bunch of replies to CQs way off-freq. But the ops out there were mostly very courteous and patient, and it was a great way to while away a Fall weekend. Thanks to Randy, and all who put in the time to do the organizational thing.

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr

ARRL - ARS #1301 - FISTS #8774

FPqrp #476 - QRParci #11147

QRP-L #2415 - SOC #530

HGT #6'1 - Wgt #190 - BT #B-

-----  
Do you Yahoo!?

Y! Web Hosting - Let the expert host your web site  
<http://webhosting.yahoo.com/>

-----  
Date: Mon, 21 Oct 2002 09:38:18 EDT  
From: N4SKS@cs.com  
To: qrp-l@lehigh.edu  
Subject: [138409] Green lee Chassis punches ...trade  
Message-ID: <10.27151f76.2ae55d4a@cs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Gang;

I have some Green lee chassis punches to trade for ??????  
I don't do oldie homebrew anymore so offering the following as a package.  
1 punch 7/8 " , 1 punch 3/4 " , set with 4 sizes 3/4' ,1' , 1 and 1/4", 1 and 1/2" .  
Now this is a heavy set and my shipping will be 8 to 10 \$ conus.  
Would rather trade for some neet item. Email direct please.

72 Les K4NK

-----

Date: Mon, 21 Oct 2002 09:59:13 -0400  
From: "Ken Newman" <n2cq@dandy.net>  
To: "List Elecraft" <Elecraft@mailman.qth.net>, "W3BG" <W3BG@arrl.net>,  
"Norm Into" <normk8ni@neo.rr.com>,  
Subject: [138410] NJQRP Homebrewer Sprint Logs - Last Call  
Message-ID: <001901c2790a\$0d62ae40\$5b9efa42@18.95.182.twsn1.md.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Any stations operating in the NJQRP Homebrewer Sprint on Sept 23 could still send in the log for the certificate and/or awards. You could do so by sending your entry to the below address or e-mail address. If you plan to send via USPO, send me an e-mail so I can wait for it before posting the results. The rules for the sprint are at: <http://www.njqrp.org/data/qrp-homebrewersprint.html>

Thanks for your support on the Sprint and look for it next time on March 24, 2003 - 0000z to 0400z (Sun Eve)

Ken Newman - N2CQ  
81 Holly Drive  
Woodbury, NJ 08096

N2CQ@ARRL.NET

-----  
Date: Mon, 21 Oct 2002 09:53:46 -0400  
From: "AI2Q Alex" <ai2q@adelphia.net>  
To: <k6whp@verizon.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [138411] RE: O-Scope Question: Tek 2445  
Message-ID: <001701c27909\$4794dd00\$6401a8c0@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi Bill:

I'm not much good at "DX troubleshooting," but I do a fair amount of repair here, and have worked on a half dozen or more scopes. I own two Tektronix scopes too. It sounds to me like the pots are indeed the culprits, as you suspect. That's especially a problem as they work in a high-voltage

environment. My suggestion is to try and clean them with De-Oxit liquid, applied carefully and sparingly to the wipers if you can get to them (some pots are virtually sealed). Working the pots back and forth may help "clean" them up too, especially if they haven't been used in a long time.

GL es 73, AI2Q, Alex in Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of William Phinizy

Sent: Sunday, October 20, 2002 7:58 PM

To: Low Power Amateur Radio Discussion

Subject: O-Scope Question: Tek 2445

One of my buds, KF6MYN, and I stumbled onto two Tek 2445 O-scopes for great prices at a swap meet. Only hitch is each has a minor problem. We are fishing around for service manuals now, but want to know if anyone knows the insides of these beasts enough to give us a heads up on the glitches we are encountering:

(1) Mine has a "sticky" horizontal position control. Specifically, when you turn the pot, the trace moves horizontally but not smoothly. My question is: could this be a dirty pot only or some a more involved problem in the circuit. I am betting on a crappy pot.

(2) Joe's has a similar problem but with the dV and dT cursors that allow you to make more precise measurements than just observing the trace on the graticule. The pot that controls the leftmost dT (time) cursor produces an unsmooth horizontal movement as well (I notice a less pronounced but similar effect on mine. Again, is this a dirty pot or more complicated problem?

..we haven't been inside these guys yet; we're waiting for a service manual..and the kind guidance from someone on this list who knows these scopes.

My thanks for your help.

Bill, k6whp

-----  
Date: Mon, 21 Oct 2002 09:21:06 -0500

From: Jeff Davis <ke9v@comcast.net>



To: Mark.Fancher@ae.ge.com,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [138412] Re: PADDLE QUESTION -- and another answer  
Message-ID: <003b01c2790d\$181cc6b0\$9800a8c0@ke9v>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Mark,

Vibroplex is most definitely not at the "bottom of the barrel".

I've been a ham for 25 years and while I have bought and sold a small fortune worth of radio gear I would never part with any of my Vibroplex collection! :-)

For the most part Vibroplex was about the only game in town for quality paddles. Now it seems almost everybody has a small machine shop and we are seeing lots of nice keys being made from these small shops and there is a certain infatuation with the "new" stuff.

I'm not saying the new keys aren't of value, but I can still get parts for a 1927 Vibroplex bug. Wonder if you will be able to say that 75 years from now about the current crop of new paddles, keys and bugs?

73 de Jeff

----- Original Message -----

From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, October 21, 2002 7:51 AM  
Subject: RE: PADDLE QUESTION -- and another answer

I didn't hear any mention of Vibroplex. I have use a Vibroplex Iambic and its all I've ever used (well, except for the K8FF paddle I built years ago).

Since I don't have any experience with any other paddle, is the Vibroplex at the "bottom of the barrel" so to speak in the paddle world? The Vibroplex aren't at the bottom of the barrel for cost. Maybe I should look into a new paddle.

BTW, a few weeks ago, I purchased some extended finger pads for my

Vibro Iambic  
from Vibroplex. They replace the smaller black pads with these larger  
red pads.  
Nice looking modification and allows my hand to rest more on the  
table. I'm  
glad I got them.

Mark

-----Original Message-----

From: Karl Kanalz [mailto:kkanalz@gcecisp.com]  
Sent: Saturday, October 19, 2002 11:04 AM  
To: Low Power Amateur Radio Discussion  
Subject: RE: PADDLE QUESTION -- and another answer

Bob,  
I once bought a G4ZPY (?) single-lever keyer paddle, used it once with  
the  
built-in keyers in my FT-1000D and IC-781, as well as with a Tick 3  
keyer  
and it worked quite well. I later gave it to a friend (another guy,  
not  
the one who gave me the Bencher) on the Left Coast and he's using it  
today.

I had no problems with the single-lever paddle.... It's just that I  
like  
the lighter "touch" of my Bencher paddle.

I believe either type (single versus double paddle) will do just fine  
for  
you - it did for me!

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: Bob Nielsen [SMTP:nielsen@oz.net]  
Sent: Friday, October 18, 2002 10:36 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: PADDLE QUESTION -- and an answer

I also use my BY-1 in the "bug" mode. I've never tried a single  
paddle  
key with an electronic keyer (I still have my 50-year old Vibroplex  
bug, however) but have wondered if that would be a better approach for  
the iambic-impaired.

Any comments?

Bob, N7XY

On Fri, Oct 18, 2002 at 09:18:44PM -0500, Karl Kanalz wrote:

> Curt,  
> I have (and use) a Bencher keyer paddle with my ham rigs. It was  
given  
to  
> me by a dear friend when I was living in southern California years  
ago.  
> I've had it for about fifteen years now, and other than sending it  
back  
to  
> the factory to have sending errors removed from it, it has worked  
> flawlessly!  
>  
> I'm not "into" Iambic keying, but use it in what might be called the  
"bug"  
> mode.  
>  
> Karl K - W8TIF  
> McKinney, Texas

-----  
Date: Mon, 21 Oct 2002 10:31:46 -0400  
From: "George Osier" <gosier@twcny.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [138413] QRP-ARCI RESULTS  
Message-ID: <001c01c2790e\$9c1acba0\$aa634342@twcny.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello !!!!!

Made 26 contacts with 700 mw .....

116 QSO points  
19 multipliers

2204 points x 10 power multiplier = 22,040 points total

The Good :

Worked CK5ZX On 10 , 15 and 20 meters  
Worked Bob , N4BP on 2 bands  
Worked my NNYCC Vice Pres , John , NS2P with him using his HW-8 to a  
somewhat mismatched dipole ..... :)  
Worked W2AGN .....:)

The Bad and the Ugly :

40 meter RTTY ..... :(  
20 was not good here  
TOO MANY tests going on at once.....

Had fun !!!!!!! Thats what its all about !!!!!

73s

George Osier , N2JNZ / QRP  
President , Northern New York Contest Club

-----  
Date: Mon, 21 Oct 2002 08:47:51 -0700  
From: Brian Kassel <bkassel@mato.com>  
To: QRP-L <QRP-L@lehigh.edu>, Elecraft List <elecraft@mailman.qth.net>,  
Bob Patten <n4bp@arrl.net>, Al Dawkins <alk0frp@attbi.com>,  
Subject: [138414] Contest: ARCI Fall QSO- K7RES  
Message-ID: <3DB421A7.60A2F672@mato.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks:

Though some of you might enjoy reading my contest results for last weekend's ARCI event. I used My K-2 at .9W, and various wire antennas including long vee beams and an 80M horizontal loop as the non directional calling antenna. Band conditions were very good to stateside at least. It was my pleasure to work Remi LZ2RS, AK and HI twice each, as well as G0. I know that Remi was running a K-2 but not sure of his power level for the contest. It was also my pleasure to work the rare SK, QC and NB Canadian Provinces. Thanks for showing up guys.

As always, if anyone worked needs a QSL card for SD or Lawrence county SD, \*PLEASE\* send an SASE along with your card. I QSL 100% on all cards

received.

I used the entire 24 hours for the event, and bettered, by a reasonable amount, my all time score in both SPC's and total points. I am a happy camper. These wire antennas sure work, and they are MUCH cheaper than towers or aluminum beams ;). Actually I will be putting up some aluminum very soon to cover some of the "holes" in my coverage on the higher bands. It is great fun to experiment with the wire ones though.

I was very impressed with the many stations that I was able to work again on 3 and 4 bands. Somehow, we managed to schedule this event on the same weekend as the EU RTTY contest, so 40M was murder. For once it appeared that many folks checked and operated on 10 and 15 meters too. Very happy to see that. Also I am sure that the Pacificon hamfest drew away many who might have otherwise participated. Tough to schedule things so that they don't conflict I am sure. We QRP types just have too much fun ;).

I used TRLog and a notebook PC to log. TEAM: Aluminum Kings.

Thanks to all who heard and worked my little .9 watt signal, and especially to Randy Foltz, the ARCI Contest Chairperson who makes it all happen. Yes, I did miss the ID SPC Randy, you were missed ;)

|          | 160 | 80 | 40 | 20  | 15  | 10 | Total |
|----------|-----|----|----|-----|-----|----|-------|
| QSO's    |     | 10 | 38 | 126 | 121 | 93 | 388   |
| DomMults |     | 8  | 20 | 42  | 37  | 30 | 137   |
| DXMults  |     | 0  | 0  | 0   | 2   | 2  | 4     |

234,060 QSO Points X 10 (.9W) = 2,340,600 Total score.

Total Fun - 100% ;)

I love my K2's ;)

Brian K7RE

-----  
Date: Mon, 21 Oct 2002 11:52:53 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: gosier@twcnny.rr.com,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [138415] Re: QRP-ARCI RESULTS  
Message-ID: <3DB3EA95.7940.4E4FAB5@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 21 Oct 2002 at 10:31, George Osier wrote:

>  
> The Good :  
> Worked W2AGN .....:)  
>  
> The Bad and the Ugly :  
>  
> 40 meter RTTY ..... :(  
> 20 was not good here  
> TOO MANY tests going on at once.....

Interesting. I would have thought I'd end up in the bad and ugly.... ;-)  
--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
 \\_ / \\_ / \\_ / \\_ / \\_ / QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

-----  
Date: Mon, 21 Oct 2002 11:54:20 -0400  
From: W2AGN <[w2agn@w2agn.net](mailto:w2agn@w2agn.net)>  
To: Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [138416] QRP ARCI Contest  
Message-ID: <3DB3EAEC.27889.4E6517A@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Well, had the whole house to myself, with XYL in Oregon visiting relatives. Of course, I had to take care of the dogs and the birds, but still got in about 20 hours.

240 QSOs, 1080 QSO points and 114 Multipliers. (found a couple I missed when I posted my High Claimed on the website). 861,840 total. Personal best, although not up with the big guns. Worked some stations on 5 bands,. and even got a 160M QSO this time.

Question, who the heck is N0AX, and how did he get 2 Megapoints + and I never even heard him, let alone work him? ;-)

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
\\_/\_ \\_/\_ \\_/\_ \\_/\_ \\_/\_ QRPARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

-----  
Date: Mon, 21 Oct 2002 15:56:40 +0000  
From: cwguy@attbi.com  
To: qrp-l@lehigh.edu  
Subject: [138417] F/S QRP and CW items  
Message-ID: <20021021155641.QLPA11892.rwcrmhc52.attbi.com@rwcrwbc58>

I just got it but the RhR version of the NC30  
will better meet my backpacking rig needs:

F/S DSW-20 in Tentec case complete with  
uninstalled blue anodized case. Built by a famous  
QRP-er. I have \$135 in them.

\$135+shipping for both or \$125 for radio, \$10 for case  
( you must have a naked DSW rig to buy the case!)

Fell in love with the Schurr wabbler, so offering for  
sale the other ones:

F/S Bencher BY-2 iambic paddle, chrome base  
excellent condition. Recently used for QRP DXCC  
\$70+shipping

F/S Vibroplex deluxe iambic paddle, chrome base,  
also excellent condition. \$150+shipping

Still for sale or trade:

FS/T Tentec Corsair (I) with 252G power supply  
\$450 package + shipping or trade for K1 with  
internal ATU (don't need the Noise  
Blanker, etc.) or what have you??

"Mr CW"

(If KK6MC can be Dr. Megacycle, then I can be Mr CW...)

dit dit

If you think you need to use a noise blanker when in the field, you are just not far enough into the backcountry! Hike a few more miles.

-----  
Date: Mon, 21 Oct 2002 15:41:59 +0000  
From: cwguy@attbi.com  
To: qrp-l@lehigh.edu  
Subject: [138418] Pacificon -- an independent review  
Message-ID: <20021021154200.QALR11892.rwcrmhc52.attbi.com@rwcrwbc69>

Overall, this Pacificon was better than last but still off the mark due to limited swapmeet and exhibit hall space. (The best ever was 1999 when the K2 was introduced!)

. Best talks: Antenna seminar -- Grounding and bonding

QRP Forum -- NC30 intro.

- . Friendships renewed with
  - . K7TQ
  - . KE6RS
- . New friendships formed with
  - . K5HK (of /mm fame)
  - . KL7OR
- . Seen at the swapmeet
  - . two OmniVs (\$500 & \$600)
- . New gear at the exhibit hall
  - . IC756ProII (wow, what a nice display!)
  - . FT897 (great packaging & panel layout)
- . Best story goes to NA5N (QRPTTF at Mexico border)
- . Gotta get one ! ! Schurr 'Wabblers' paddle  
RedHotRadio 40m version of NC30!
- . Most entertaining presentation: Tom Schiller N6BT  
of Force 12.



. Silliest product        SGC stealth kit

Overheard from a member of LARK was that Pacificon may be moving south a bit to San Ramon/Dublin area and have the swapmeet combined with that of LARK (normally held 1st Sunday at LPC parking lot). The convention was definitely cramped this year without the tarmac or hangar so a move is likely.

Observation: without the QRP forums and antenna seminar, Pacificon would very quickly slip into obscurity.

Dweeb question: what's a 12AX7?

(answer, a dual triode with 12V filament), yup, Ima dweeb

73 a friend of QRP

dit dit

-----  
Date: Mon, 21 Oct 2002 09:04:04 -0700  
From: JIm Wilson <w5mhl@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [138419] RE: Elecraft K2 for sale  
Message-ID: <5.1.1.6.2.20021021090319.0337e298@pop.onemain.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

K2 is sold, thanks,

73,

JIm,w5mhl

-----  
Date: Mon, 21 Oct 2002 12:12:31 -0500  
From: Karl Kanalz <kkanalz@gcecis.com>  
To: "'cwguy@attbi.com'" <cwguy@attbi.com>,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138420] RE:What's a 12AX7?

Message-ID: <01C278FB.2DB29D40@KKANALZ>

Well, "Dr. CW", you're not quite a "dweeb" yet!

A 12AX7, thanks to the foresight (not forsite!) of the designers of this fabulous vacuum tube, is indeed a "dual-triode", but it doesn't necessarily have " a 12V filament".

The indirectly-heated cathode of the 12AX7 (and some similar tubes) is/was designed to operate from EITHER 6 volts a.c. OR 12 volts a.c. ! Uh-huhhh! It has a 'center-tapped' filament winding, so it can be operated at either voltage, Mr. CW!

By the way, what are you doing using a 12AX7 "audio" tube in CW applications? Could it be you are a closet Amplitude Modulation sort of "Doctor"?

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: cwguy@attbi.com [SMTP:cwguy@attbi.com]  
Sent: Monday, October 21, 2002 10:42 AM  
To: Low Power Amateur Radio Discussion  
Subject: Pacificon -- an independent review

Dweeb question: what's a 12AX7?  
(answer, a dual triode with 12V filament), yup, Ima dweeb

73 a friend of QRP  
dit dit

-----  
Date: Mon, 21 Oct 2002 17:24:34 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: leon\_heller@hotmail.com, qrp-l@lehigh.edu  
Subject: [138421] Re: VF0/buffer for DC RX module  
Message-ID: <F11ioWwr2UAaTzvb5YI000001bf@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "Leon Heller" <leon\_heller@hotmail.com>  
>To: "Low Power" <qrp-l@Lehigh.EDU>  
>Subject: VFO/buffer for DC RX module  
>Date: Mon, 21 Oct 2002 12:03:12 +0100  
>  
>I've just uploaded details of a suitable VFO/buffer circuit for my DC RX  
>module to my web site:  
>  
>[http://www.geocities.com/leon\\_heller/vfo.html](http://www.geocities.com/leon_heller/vfo.html)  
    ^^^^  
    www

Sorry,

Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790  
Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

---

Internet access plans that fit your lifestyle -- join MSN.  
<http://resourcecenter.msn.com/access/plans/default.asp>

---

Date: Mon, 21 Oct 2002 13:41:30 -0400  
From: "Fr Stephen King" <frstephenk@stfrancishigh.org>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [138422] QRP ARCI QSO Party Report  
Message-ID: <004701c27929\$173d5270\$3950a8c0@RM204>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I worked 40m only -- just to see how well I might do with just that one band.

Only worked about 76 stations in the 8 hours I put into the contest. I was pleased at being able to work west coast stations from here on the east coast with only 5w.

Some observations:

Conditions were quite good on 40! I could work anybody I could hear with the K2 and dipole. There was only one station I was not able to bring up above the ESP level. Not bad!

Could have used a lot more 40m activity! It was sparse at times.

There was too much other "competition" (RTTY test, IL QSO party, Pacificon).

I noticed a fair number of stations working far off frequency as well ...

I am sure I am nowhere near a "winner", but I had lots of fun!!!!

I used QRPDUPE on my old 386/20 lap top! It works really well -- and can't beat the price!

Peace & 73  
Stephen  
W3SMK  
K2 #2644

-----  
Date: Mon, 21 Oct 2002 09:59:37 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [138423] New NorCal Kit - Mini-Boots 5W Amp  
Message-ID: <00e201c27923\$416bdf40\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, Wayne McFee, NB6M, has been working overtime for us, and has the design finished for the 5 Watt MiniBoots amp kit. We are now taking preorders for the kit which will produce 5W with about 1 W of drive, and is the perfect companion for those single band rigs that you want to boost to 5 Watts for contests, and when you need that extra bit of oomph. The amp comes on a NorCal Quality PCBoard, and is complete with bnc connectors and band switch. All you need to add is the case, and power connector of your choice. All board mounted components are there. The Amp uses an IRF510. Heck, we even include the wire for the toroids. The cost for this kit will be \$25 plus \$4 shipping and handling. To order, send me an email and I will give you an order number and instructions on where to send your check or money order. Shipping and handling on DX orders other than US or Canada will be \$6. The kits should ship in 3 to 4 weeks. Thanks, Doug

-----  
Date: Mon, 21 Oct 2002 14:00:14 -0400  
From: William K Penhallegon <w4stx@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [138424] FS Classic Red Hot NorCal 20  
Message-ID: <20021021.140035.-744267.0.w4stx@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale.  
Nice Red Hot NorCal 20 in old style case.  
(Red anodized and engraved aluminum  
clamshell design) with no dings. Includes  
TiCK4 keyer chip and manual.

For specs see Red Hot Radio home page

<http://www.redhotradio.com/>

\$150.00 + shipping  
Bill Penhallegon W4STX  
Clearwater, Florida

-----  
Date: Mon, 21 Oct 2002 12:30:46 -0700  
From: "Scott C. Gray" <scottcgray@attbi.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [138425] Drake W4 Wattmeter conversion to QRP?  
Message-ID: <3DB455E6.3844C7F1@attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

I'm looking at converting a Drake W4 wattmeter to QRP. Meter movement  
appears to be 200 ua at full scale...  
Looking to bring the range down from is 200w/2000w to 2w/20 watt range.

Any help would be greatly appreciated.

Thanks in advance,  
Scott KD6CQ

QRP+, MFJ9040, OHR100A. St, Louis Vertical.

-----  
Date: Mon, 21 Oct 2002 13:48:05 -0500  
From: "Meiss, Richard A" <igeq100@iupui.edu>  
To: <qrp-1@lehigh.edu>  
Subject: [138426] First impressions of Argonaut V (longish)  
Message-ID: <70AF6A68829D50498C8CC3BE2C4A266503CC58@iu-mssg-mbx03.exchange.iu.edu>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi, Mark and all -

Here are my initial impressions of the new TenTec Argonaut V. (It's = too soon for me to do a decent eHam review).

I am very pleased with the unit - I spent what time over the weekend = that I had available, and found it very easy to operate. The control = functions are nicely laid out and organized logically. I am not = familiar with how big fancy rigs work their software menu structure = (this is the most feature-laden rig that I have owned), but I like the = "multi" knob that lets you adjust bandwidth, filter offset, RIT, and XIT = with a rotary motion. I haven't explored the memory functions yet. The = tuning rates are appropriate - the fast rate is almost a necessity for = using the general coverage feature - you have to dial up or down from = the nearest amateur band to get to a shortwave band and then lower the = tuning speed.

On receive, the audio is ample and very clean. The DSP filtering = introduces very little distortion at the default settings, and CW notes = are quite clean. There is little audible sign of out-of-bandpass = influence by strong nearby signals. Shortwave AM broadcast reception = could be cleaned up quite well with the filters provided. While there = is no notch filter provided in this software version, the shiftable = filter takes care of this function pretty well. Comparisons (by ear = only) with the K2 (same antenna, etc.) appear to give the K2 a bit of an = edge in noise floor and weak signal handling, but the Argonaut still = performs excellently. The squelch action was precisely settable and = very fast - you can copy a CW signal on the "edge" of the squelch and = have silence between the dits and dahs ( as long as there is no QSB). = The built-in attenuator works well, but it does not have a panel = annunciator - you have to toggle it and watch the S-meter to see if it = is on or not. There is no pre-amp function.

On transmit, the signal reports were uniformly good (or folks were =

polite). The sidetone is easy to listen to - probably an approximation = to a sine wave. The built-in keyer is easy to set up for speed, weight, = sidetone, etc. I don't know if it is iambic A or B, but to a frequent = bug user, this doesn't matter. It doesn't have a message memory - since = I am not a tester, I don't miss this, but others may. Perhaps in the = next software update? I have no comments on modes other than CW, but = the SSB that I listened to sounded very good.

Other impressions - the analog S-meter is comforting. I can interpret = its information better than that from a lighted bar graph (I also can = tell time better with an analog wristwatch - is my age showing?) Power = level is easy to set, and the built-in power meter agrees very well with = my OHR meter connected to the output. The factory was quick to answer = an early question I had about installing the fan option - I think that = they will be eager to provide all the help necessary to launch this = newest addition (edition?) to the Argonaut family.

The bottom line - I am very happy with the rig. It met all of my = expectations and then some. I would like to hear some other initial = impressions.

72,

Richard Meiss, WB9LPU

-----  
Date: Mon, 21 Oct 2002 11:55:03 -0700  
From: Mighty Mik <mightymik2@attbi.com>  
To: kkanalz@gcecispc.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [138427] RE:What's a 12AX7?  
Message-ID: <5.1.0.14.0.20021021114628.00b7b480@mail.attbi.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Its a FINE audio tube ... but what about it's RF properties? My tube type RF signal genny uses a 12AY7 variant, and will go to 150MHz on fundamental freqs , and i think i saw a spec sheet that said it was good to 300MHz. If you can build a rig out of 2N2222s, why not one with 12AX7s (or it's variants).

At 12:12 PM 10/21/2002 -0500, you wrote:

>Well, "Dr. CW", you're not quite a "dweeb" yet!

>

>A 12AX7, thanks to the foresight (not forsite!) of the designers of this  
>fabulous vacuum tube, is indeed a "dual-triode", but it doesn't necessarily  
>have " a 12V filament".

>

>The indirectly-heated cathode of the 12AX7 (and some similar tubes) is/was  
>designed to operate from EITHER 6 volts a.c. OR 12 volts a.c. ! Uh-huhhh!

> It has a 'center-tapped' filament winding, so it can be operated at either  
>voltage, Mr. CW!  
>  
>By the way, what are you doing using a 12AX7 "audio" tube in CW  
>applications? Could it be you are a closet Amplitude Modulation sort of  
>"Doctor"?  
>  
>Karl K - W8TIF  
>McKinney, Texas  
>  
>-----Original Message-----  
>From: cwguy@attbi.com [SMTP:cwguy@attbi.com]  
>Sent: Monday, October 21, 2002 10:42 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: Pacificon -- an independent review  
>  
>  
>Dweeb question: what's a 12AX7?  
>(answer, a dual triode with 12V filament), yup, Ima dweeb  
>  
>73 a friend of QRP  
>dit dit

-----  
Date: Mon, 21 Oct 2002 14:56:43 -0400  
From: "Joe W2KJ" <w2kj@earthlink.net>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [138428] F.S. QRP rigs  
Message-ID: <000a01c27933\$9a3d5940\$c151bf3f@cdcvh01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy Gang:

Too many QRP rigs here so need to thin the herd a bit with a couple of Ten Tec classics.

Offering my pet Ten Tec Argonaut II (model 535) with mating Ten Tec switching power supply. This puppy is in collector quality condition...MINT and does 160m-10m, including WARC bands, 5W, SSB/CW/AM/FM/RTTY and has general receive coverage from 100Khz to 29.999.99Mhz. Is a great shortwave receiver.

Has new Ten Tec backlighting element rated for 50,000 hours.



Comes with original manual, \$650 plus shipping.

Excellent Ten Tec Century 21 CW rig for 80m-10m (no WARC).

This is the double direct conversion receiver radio with beautiful audio. From QRP levels (5W) to full output (circa 30W). Except for a small scratch on the extreme right hand side of the front panel this radio could easily be described as MINT condition...beautiful original paint and spotless.

Comes with a new copy of the manual, \$175 plus shipping.

Will accept PayPal or U.S. Postal money order.

73, Joe W2KJ  
North Carolina

-----  
Date: Mon, 21 Oct 2002 13:58:53 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu  
Subject: [138429] R-M/30 and 2N2222A vs 2N2222A  
Message-ID: <3.0.2.32.20021021135853.007ae320@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Checked a bunch of transistors marked 2N2222A this morning with some interesting results. I marked them like this:

X= Unit supplied with R-M/20 kit.  
Y= One odd one from a bag of 20 purchased at ArkieCon.  
1D, 2D, 3D = some purchased from Dan's Small Parts  
0 thru 9 = 10 units all the same out of the bag of 20

Power measured with the WM-2 and 50 ohm load and my interpolation between the marks on the meter scale. Supply @ 13.3 V, power in mWatts, frequency 10.116 MHz.

|          |         |         |
|----------|---------|---------|
| X - 720  | 0 - 450 | 5 - 460 |
| Y - 710  | 1 - 500 | 6 - 400 |
| 1D - 690 | 2 - 420 | 7 - 500 |
| 2D - 700 | 3 - 480 | 8 - 520 |
| 3D - 650 | 4 - 430 | 9 - 400 |

The unit supplied with the kit had the highest output. The odd one from the bag of 20 was second and those purchased from Dan's were next. The 10 all alike didn't do well in this test and had a greater than 20% spread.

Wasn't able to decipher any supplier markings from the devices. The test unit was a new kit and has a whole different batch of parts than used previously. I set it up for 30 meters after doing the 80 meter experiment. Same parts used previously in the output filter but a different batch of parts in the buffer and oscillator circuits. Also, the 7.5 ohm emitter resistor used with the R-M/80 test was still in place. I'd expect similar results but different power levels with an R-M/20.

Email Alt: w5usj@arrl.net

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Mon, 21 Oct 2002 20:01:24 +0100 (BST)  
From: J.Bennett@lboro.ac.uk  
To: kkanalz@gcecispc.com, Karl Kanalz <kkanalz@gcecispc.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138430] RE:What's a 12AX7?  
Message-ID: <1035226884.3db44f049db08@staff-webmail.lboro.ac.uk>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 8bit

Hello fellow dweebs,

You can't really get involved with a 12AX7 without involving it's sisters, the 12AT7 and the 12AU7. All these tubes were double triodes, and Britains first and highly successfull air to air guided missile, the "Firestreak", was full of them, as were all the "computers" of the day. Now they seem to have been re discovered as audio tubes along with EL34's and KT 88's. Things have a habit of turning full circle, I just wish I could! Super QRP Osc and buffer tubes even so.

72

Jack  
G3PVG

Quoting Karl Kanalz <kkanalz@gcecispc.com>:

> Well, "Dr. CW", you're not quite a "dweeb" yet!  
>  
> A 12AX7, thanks to the foresight (not forsite!) of the designers of this  
>  
> fabulous vacuum tube, is indeed a "dual-triode", but it doesn't  
> necessarily  
> have " a 12V filament".

-----  
Date: Mon, 21 Oct 2002 15:05:44 -0400  
From: Chuck Ludinsky <cjl@mitre.org>  
To: neqrp@jona1.net, qrp-1@lehigh.edu  
Subject: [138431] Preliminary results from 2002 QRP Afield  
Message-ID: <3DB45008.915D34FC@mitre.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The preliminary results from this year's QRP Afield are attached below.  
If you submitted an entry, please check the list and results. If you  
have any comments or questions, please let me know (directly, not via  
the QRP-L reflector, please). Also, if anyone who hasn't already  
submitted an entry would like to do so, now is the time to get it in.

72 DE K1CL,  
Chuck

-----  

| Call   | QSOs | SPCs | Class | Total |
|--------|------|------|-------|-------|
| K0ZK   | 95   | 56   | 10    | 53200 |
| W0UFO  | 72   | 44   | 10    | 31680 |
| WQ6RP  | 59   | 37   | 10    | 21830 |
| KE1L   | 58   | 35   | 10    | 20300 |
| WD7Y   | 57   | 32   | 10    | 18240 |
| KF2EW  | 67   | 26   | 10    | 17420 |
| W2AGN  | 64   | 27   | 10    | 17280 |
| W5KDJ  | 74   | 42   | 5     | 15540 |
| NN1G   | 49   | 31   | 10    | 15190 |
| NF0R   | 50   | 22   | 10    | 11000 |
| W1FMR  | 37   | 26   | 10    | 9620  |
| N7CEE  | 35   | 26   | 10    | 9100  |
| K8DDB  | 35   | 25   | 10    | 8750  |
| WD8CRT | 35   | 22   | 10    | 7700  |

|        |    |    |    |      |
|--------|----|----|----|------|
| NK0E   | 36 | 19 | 10 | 6840 |
| N3AO   | 39 | 17 | 10 | 6630 |
| K0UU   | 31 | 19 | 10 | 5890 |
| VE3KQN | 26 | 21 | 10 | 5460 |
| W1PID  | 23 | 17 | 10 | 3910 |
| K1CL   | 24 | 16 | 10 | 3840 |
| KI0II  | 18 | 15 | 10 | 2400 |
| K6III  | 14 | 12 | 5  | 840  |
| N1EI   | 14 | 11 | 5  | 770  |
| W7TF   | 9  | 5  | 10 | 450  |
| N1JE0  | 8  | 5  | 10 | 400  |
| NK6A   | 10 | 8  | 5  | 400  |
| AB2CD  | 11 | 6  | 5  | 330  |
| KD1YV  | 6  | 3  | 10 | 180  |
| WB1HBE | 5  | 5  | 5  | 125  |
| AB1AV  | 4  | 2  | 5  | 40   |
| K5QLF  | 1  | 1  | 5  | 5    |

-----

Date: Mon, 21 Oct 2002 12:01:42 -0700  
 From: Randy Foltz <rfoltz@turbonet.com>  
 To: qrp1\_post <qrp-1@lehigh.edu>  
 Subject: [138432] Nor'easter manual error  
 Message-ID: <3DB44F16.D53B7072@turbonet.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

I haven't seen anyone else mention this so I will. Page 4 of the manual says to install D1 with the thick line (cathode) towards the line next to the part designation "D1" on the board.

The schematic and the parts layout have it just the opposite.

I followed the manual and got no audio although the rig worked fine otherwise. A look at the schematic will reveal that this diode is biased so it need to be installed in the correct direction. If you follow the schematic or the parts layout it will work fine, otherwise no signals or only very strong ones.

Some folks have commented that they can only hear the very

strong signals or none at all. D1 installed per the manual might be the problem.

--

73,  
Randy, K7TQ  
Moscow, ID  
QRP ARCI Contest Chairman

-----  
Date: Mon, 21 Oct 2002 16:11:19 -0400  
From: "Mark J. Dulcey" <mark@buttery.org>  
To: rfoltz@turbonet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138433] Re: Nor'easter manual error  
Message-ID: <3DB45F67.2040106@buttery.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Randy Foltz wrote:

> I haven't seen anyone else mention this so I will. Page 4  
> of the manual says to install D1 with the thick line  
> (cathode) towards the line next to the part designation "D1"  
> on the board.  
>  
> The schematic and the parts layout have it just the  
> opposite.  
>  
> I followed the manual and got no audio although the rig  
> worked fine otherwise. A look at the schematic will reveal  
> that this diode is biased so it need to be installed in the  
> correct direction. If you follow the schematic or the parts  
> layout it will work fine, otherwise no signals or only very  
> strong ones.  
>  
> Some folks have commented that they can only hear the very  
> strong signals or none at all. D1 installed per the manual  
> might be the problem.

You're right. I was puzzled about the disagreement between the parts layout and the written instructions, too, so I read the schematic and decided to trust it, which worked out just fine. As you say, the cathode goes toward the line, which is at the end AWAY from the "D1" designation.

My building error was getting my brain scrambled and soldering in the .22uF caps

where I was supposed to put the .033uF caps. I wasn't able to get them off the board without destroying them, and Murphy's Law held - although I have one of those Engineering Lab surface mount component kits (<http://www.engineeringlab.com/>), it doesn't include ceramic caps bigger than .1uF. (In other words, I had managed to destroy the only caps in the entire Nor'Easter kit that I couldn't replace from my stock.) But I did have some small .22uF monolithic ceramic (through-hole) parts with .1" lead spacing; I managed to use a couple of those, cutting the leads VERY short and surface-mounting them.

Fortunately, I already had the correction about the toroid winding instructions in the written instructions, so I got that right the first time.

The receiver, by the way, worked right off the bat. It receives shortwave broadcasts well and has plenty of audio output for my headphones.

-----  
Date: Mon, 21 Oct 2002 20:41:12 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: qrp-l@lehigh.edu  
Subject: [138434] Another state falls to 2 mWatts  
Message-ID: <5.1.0.14.0.20021021203550.00bc4ea0@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well I got the card back today. While not a record distance PA was added to the list of states worked at 2 mWatts. That makes ten states now. This one came from N3DG at 64,000+ mpw.

Certainly makes for a good day. Actually I worked three guys in PA at 2 mWatts. This was the first card to come back. The first one out came back as a bad address. I'm still waiting for the third - that one should come in at about 124,000 mpw.

73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>

-----  
Date: Mon, 21 Oct 2002 17:25:52 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [138435] RE: (OT) Ham Inventions  
Message-ID: <721D3436A7C2B344A301FD4A413C71A96ECB6E@kosh.ARRLHQ.ORG>

content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I have worked closely with Greg over the past 5 or 6 years, on RF safety =  
matters and now with his work on the FCC Technological Advisory Council. =  
While not universal, there are a number of non-amateur professionals =  
who believe that Amateur Radio is no longer making technical =  
contributions. I agree with Greg that there are hundreds of "basement =  
experimenters" who are indeed doing things that are contributing to the =  
state of the art. He is trying to get some of that work out of the dark =  
dungeons and into the limelight.

This doesn't mean that every ham is expected to invent the replacement =  
for the transistor. When I was first licensed, not every ham in 1963 =  
was inventing the replacement for the transistor. Most hams make their =  
contributions in other ways, ranging from public service to =  
international good will to the fact that, through ham radio, a whole lot =  
of folks who would otherwise be technically ignorant have learned quite =  
a bit about radios and technology.

But in what ways ARE today's hams making technological contributions? I =  
can think of no small few, but if I post a list, everyone will simply =  
agree with it and move to the next post. Greg is putting a lot of time =  
into this, so let's help him out. Send him your thoughts and ideas, and =  
a list of how you think that ham radio has contributed technically over =  
the past 5-10 years. N9GL@arrl.net will work just fine.

73,=20  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: W2EB [mailto:w2eb@twcny.rr.com]  
> Sent: Saturday, October 19, 2002 9:59 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: (OT) Ham Inventions  
>=20  
>=20

> Gang,  
>=20  
> I asked my original question about the inventiveness of=20  
> Amateur Ops  
> because of November's QST Op-Ed by Greg Lapin (N9GL).=20  
> He is a member of the FCC's Technical Advisory Council, and  
> requested people write him on this topic so he could have some ammo to  
> counter industry's complaints that we don't deserve our frequencies.  
> I've seen several decent examples of Ham's inventiveness on this  
> list, and ask that those people who posted those examples pass them on  
> to him. His e-mail address is: g.lapin@ieee.org  
>=20  
> 73,  
>=20  
> Bill  
> W2EB  
> --=20  
> "Thomas Hodgkin died of natural causes"  
>=20

-----  
Date: Mon, 21 Oct 2002 21:42:53 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [138436] RE:What's a 12AX7?  
Message-ID: <F119GQUEYvZmDvHbYxP0000bc92@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Mighty Mik (mightymik2@attbi.com) sayeth:

>Its a FINE audio tube ... but what about it's RF properties? ...

I would think that it would not be the best choice amongst its sisters, what with its rather low transconductance and very high  $\mu$ . Good choice for resistance coupled voltage amplifier but probably 12AT7 would be better option for RF. Does this sound correct?

Brad

-----  
Choose an Internet access plan right for you -- try MSN!  
<http://resourcecenter.msn.com/access/plans/default.asp>  
-----



Date: Mon, 21 Oct 2002 17:45:17 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>,  
Ten-Tec516@yahoogroups.com  
Subject: [138437] First QSO with Argo V  
Message-ID: <3DB43D2D.4407.627AE7B@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Well, my Argo V (Argonaut 516TCX0 to be exact) arrived about an hour ago.  
Got it all hooked up. Seems very easy to operate.

First QSO...ZL7C on 28.024. Not a bad start.

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
\\_/\_ \\_/\_ \\_/\_ \\_/\_ \\_/\_ QRPARCI, NJQRP, ARQrp,GQRP,RSGB  
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

-----  
Date: Mon, 21 Oct 2002 21:20:59 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: qrp-1@lehigh.edu  
Subject: [138438] TN falls all QRP and the power of mWatts  
Message-ID: <5.1.0.14.0.20021021211454.0293e370@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

This past week was the county hunter convention in TN. This year I was  
unable to attend, but I was able to work a number of the mobiles on the way  
to and fro. Along the way I finished up TN all QRP with a 500 mWatts QSO  
Sunday morning with Joyce, KD8HB/M from Pickett, TN.

As much fun was seeing how many counties I could work QRPP. In the end I  
worked 52 of the 95 counties at 500 mWatts or less. The nice thing that  
for over half the QSO I got back signal reports of 559 or better - even got  
one 599. And in the process I picked up the last three I needed in TN to  
finish all counties there QRP. Now I only need four more TN counties to  
have them all QRPP.

I put up a map and more details in the activities section of my web site  
for anyone who is interested.

73 de Larry.....WD3P in MD  
<http://www.wd3p.net>

-----

End of QRP-L Digest 2716

\*\*\*\*\*

-----